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IRRIGATION AND MECHANIZATION EXTENDED;
TREE BELTS TO AID FARMING

KIRGIZ IRRIGATION PROJECTS PROGRESS -- Sovetskaya Kirgiziya, No 187, 19 Sep 48

Construction of the Otuz-Adyr irrigation system in southern Kirgizia was resumed last year. This system is supplied with water from the Kurshab River, which flows through Oshskiy, Kurshabskiy, and Karasuyskiy rayons. Installation of this irrigation system has met some difficulties, particularly because the water discharge from the river fluctuates from 10 to 120 cubic meters per second. It was necessary to build a very large irrigation system with a canal over 40 kilometers long. This canal is the third in length in the republic.

Construction of the Otuz-Adyr irrigation system is to be completed by the end of 1950. It will irrigate 7,000 hectares of land, chiefly kolkhozes.

Sovetskaya Kirgiziya, No 184, 15 Sep 48

The Krasnorechensk irrigation system in Frunze Oblast, Kirgiz SSR, is being completed. This will make it possible to cultivate 3,200 hectares of marshy and salty soil.

In 1947, 795,000 hectares of land in the Republic were under irrigation. This year, however, irrigation workers must supply water to 813,000 hectares.

TEDZHEN RESERVOIR CONSTRUCTION STARTS -- Pravda Vostoka, No 192, 26 Sep 48

Construction is under way on the largest reservoir in the Turkmen SSR in the desert near Tedzhen Station of the Ashkhabad Railroad System. Nearly 2,000 kolkhoz workers from nearby regions are working on the "Tedzhenstroy" project and have already completed more than one half of all the earthwork, which by the end of the year will have amounted to an additional 400,000 - 500,000 cubic meters. The reservoir which will collect the waters of the Tedzhen River will be able to irrigate a large new agricultural area.

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UZBEK IRRIGATION TO BE EXTENDED -- Pravda Ukrainy, No 225, 22 Sep 48

A 3½-kilometer dike holds back the waters of the gigantic Katta-Kurgan artificial reservoir, situated in a basin between two large hills. Six thousand collective farmers of Samarkand and Bukhara oblasts are employed in constructing the dike. In 1948, 1.6 million cubic meters of earth must be removed. Eventually the reservoir's capacity will reach 600 million cubic meters of water. Last year, the Katta-Kurgan reservoir supplied the cotton fields of Samarkand and Bakhara oblasts with 300 million cubic meters of water. Next year, twice as much territory will be irrigated. New cotton plantations are being established on vast areas of formerly uncultivated land.

GEORGIAN IRRIGATION STUDIED -- Pravda Ukrainy, No 215, 10 Sep 48

The network of irrigation canals in Georgia is steadily expanding. Construction of the Samgori irrigation system and reconstruction of the Adzharmetskiy main canal is proceeding at a rapid pace. Considerable work is being done by the Georgian Scientific Research Institute of Hydrotechnology and Reclamation in a thorough study of local conditions, characteristics of the soils under irrigation and the drained areas, as well as of the rivers which feed the canals.

KURDAYSKIY RAYON IRRIGATION CANAL STARTED -- Kazakhstanskaya Pravda, No 192, 26 Sep 48

On 25 September the Dzhabul Oblast Party Committee and the Dzhabul Executive Committee informed the Ministry of Irrigation, Kazakh SSR, that they have decided to start construction of the Georgiyevskiy canal in Kurdayskiy Rayon. More than 1,000 kolkhoz workers will be employed on the job in the near future. The earthwork should be completed and the concrete and wood installations erected by autumn on the main canal and the distributing system. The canal will improve the irrigation of 5,000 hectares.

EXPEDITION EXAMINES NEW DAM -- Pravda Vostoka, No 194, 29 Sep 48

An expedition of the Central Asia Scientific Research Institute of Irrigation left Tashkent for Sary-Kurgan to examine the operation of the new dam on Sokh River. The dam was built in 1947.

TREE-PLANTING PLAN DECREED IN KAZAKH SSR -- Kazakhstanskaya Pravda, No 196, 2 Oct 48

The TsK KP(b) Kazakhstan has decreed a month plan for planting forest belts in kolkhozes and sovkhoses of the Republic in an effort to combat drought. The kolkhozes are expected to plant an area of 3,874 hectares of trees and to prepare 5,000 hectares for next spring's planting by 1 November. The sovkhoses should plant 1,246 hectares of trees and prepare 2,248 hectares for spring sowing during October. Many tree belts are being planted now in the kolkhozes and sovkhoses in Kustanay, Zapadno-Kazakhstan, Kokchetav, Aktyubinsk, Akmolinsk, Pavlodar, Taldy-Kurgan, Alma-Ata, and Severo-Kazakhstan oblasts. Oblast and rayon party committees, executive committees of oblast and rayon soviets of workers' deputies, the Ministry of Agriculture and the Ministry of State Farms of the Kazakh SSR are entirely responsible for the success of the plan.

The following facts are evidence of the value of the plan. The harvest of rye from fields protected by a tree belt in the "Krasnyy Oktyabr'" Artel, Terektinskiy Rayon, Zapadno-Kazakhstan Oblast, was double the harvest obtained from fields in open areas. However, the plan for planting trees in the spring of this year was not fulfilled in the majority of oblasts in the republic. The work was neglected in Kustanay, Zapadno-Kazakhstan, Akmolinsk, Kokchetav, and Vostochno-Kazakhstan oblasts.

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FORESTATION WORK ON SCHEDULE -- Pravda Ukrainy, No 244, 14 Oct 48

The Ukrainian Republic conference of senior experts in agro-forestry development of the oblast agricultural administrations, directors of interoblast offices of "Agrolessen," and directors of tree nurseries, was held in Kiev to consider forestation work in the Ukrainian SSR. Kolkhozes of the Ukraine have completed the plan for spring planting of forest belts on an area of 5,100 hectares and prepared soil for autumn planting of 3,450 hectares. During 1949 - 1950, forest belts will be planted on 48,000 hectares in the Ukrainian SSR. The republic is organizing the first 10 tree-planting MTSs equipped with large tractors, plows, cultivators, and 80 new FN-5 tree-planting machines.

16 MACHINE-TESTING STATIONS SET UP -- Sovetskaya Latvya, No 215, 10 Sep 48

Sixteen regional State machine-testing stations are being set up in 1948 for thorough testing of new-type tractors and agricultural machines. These are being organized in Belorussia, Kazakhstan, Uzbekistan, Azerbaydzhan, Siberia, the Volga area, North Caucasus, and other regions of the USSR.

Two of these stations are being opened in Moscow Oblast, the Tsentral' and Pushkin. The Tsentral' Station will test all farm machinery. The Pushkin Station is to test forestry machines.

Control and experimental laboratories and experimental farms with complete crop rotation are being set up at all the stations.

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